



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--|-------------|----------------------|------------------------|------------------|
| 10/691,385 | 10/22/2003 | Charles G. Hwang | 102-539 CIP (P-6048/1) | 8673 |
| 32752 | 7590 | 05/17/2005 | EXAMINER | |
| DAVID W. HIGHET VP & CHIEF IP COUNSEL BECTION DICKINSON AND COMPANY 1 BECTON DRIVE MC 110 FRANKLIN LAKES, NJ 07417-1880 | | | MAIORINO, ROZ | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 3763 | |

DATE MAILED: 05/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|------------------------------|--------------------------------------|-------------------------------------|--|
| Office Action Summary | Application No. 10/691,385 | Applicant(s) HWANG ET AL. | |
| | Examiner Roz Maiorino | Art Unit 3763 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 February 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) 3-7, 10, 13 and 17-121 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 2, 8, 9, 11, 12, 14-16, 22-24 and 28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date <u>12-03, 05/04</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Applicant's election with traverse of the generic states of the claims in the reply filed on 2/14/2005 is acknowledged. The traversal is on the ground(s) that claims 1 and 20 are generic. This is found persuasive and examiner will hence consider claims 1 and 20 generic.

Applicant's election of Group B in the reply filed on 2/14/2005 is acknowledged.

Claims 3-7, 10, 13, 17-21, 25-27, 29-30 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected of Group B.

The requirement is still deemed proper and is therefore made FINAL.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

The changes made to 35 U.S.C. 102(e) by the American Inventors Protection Act of 1999 (AIPA) and the Intellectual Property and High Technology Technical

Amendments Act of 2002 do not apply when the reference is a U.S. patent resulting directly or indirectly from an international application filed before November 29, 2000.

Therefore, the prior art date of the reference is determined under 35 U.S.C. 102(e) prior to the amendment by the AIPA (pre-AIPA 35 U.S.C. 102(e)).

2. Claims 1, 8, 11-12, 14-15, 22-23, 28 are rejected under 35 U.S.C. 102(e) as being anticipated by US Patent NO. 6875205 to Leinsing.

Lesing teaches a tip cap with a base portion, a body having a top body with a non-circular section and a shaft, where the top wall includes a textured surface.

3. Claims 1, 8, 11-12, 14-15, 22-23, 28 are rejected under 35 U.S.C. 102() as being anticipated by US Patent NO. 5925029 to Jansen et al

Jansen teaches a tip cap with a base portion, a body having a top body with a non-circular section and a shaft, where the top wall includes a textured surface (100).

4. Claims 1, 2, 8-9, 11-12, 14-16, 22-24, 28 are rejected under 35 U.S.C. 102(b) as being anticipated by US Patent NO. 4932937 to Gustavsson et al

Gustavsson teaches a tip cap with a base portion, a body having a top body with a non-circular elliptical section and a shaft, where the top wall includes a textured .

5. Claims 1, 2, 8, 11-12, 14-16, 22-23, 28 are rejected under 35 U.S.C. 102(b) as being anticipated by US Patent NO. 5725507 to Petrick.

Petrick teaches a tip cap with a base portion, a body having a top body with a non-circular elliptical section and a shaft, where the top wall includes a textured .

6. Claims 1, 8, 11-12, 14-15, 22-23, 28 are rejected under 35 U.S.C. 102(e) as being anticipated by US Patent NO. 6695829 to Hellstrom et al.

Art Unit: 3763

Hellstrom teaches a tip cap with a base portion, a body having a top body with a non-circular section and a shaft, where the top wall includes a textured surface.

7. Claims 1, 8, 11-12, 14-15, 22-23, 28 are rejected under 35 U.S.C. 102(b) as being anticipated by US Patent NO. 3916894 to Cloyd.

Cloyd teaches a tip cap with a base portion, a body having a top body with a non-circular section and a shaft, where the top wall includes a textured surface.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 9 and 24 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Patent NO. 6695829 to Hellstrom, or US Patent No. 5925029 to Jansen or US Patent NO. 6875205 to Leinsing as applied to claims 1 and 20 above, and further in view of US Pub No. 2004/0097882 A1 to DiBiasi et al.

As mentioned above Hellstrom, Leinsing, or Jansen all teach a tip cap with a base portion, a body having a top body with a non-circular section and a shaft, where the top wall includes a textured surface.

However none of the above prior art teach ribs on the body. However DiBiasi does teach a tip cap with ribs on the body.

Therefore it would have been obvious to one having ordinary skill in the art at the time the invention was made to have added ribs because according to DiBiasi ribs facilitate easy handling of shield (Parapraph0022).


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Roz Maiorino whose telephone number is 571- 272-4960. The examiner can normally be reached on 9am-5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nicholas Lucchesi can be reached on 571-272-4377. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RM



NICHOLAS D. LUCCHESI
SUPERVISOR / PATENT EXAMINER
TECHNICAL CENTER 3700